

FIG. 1

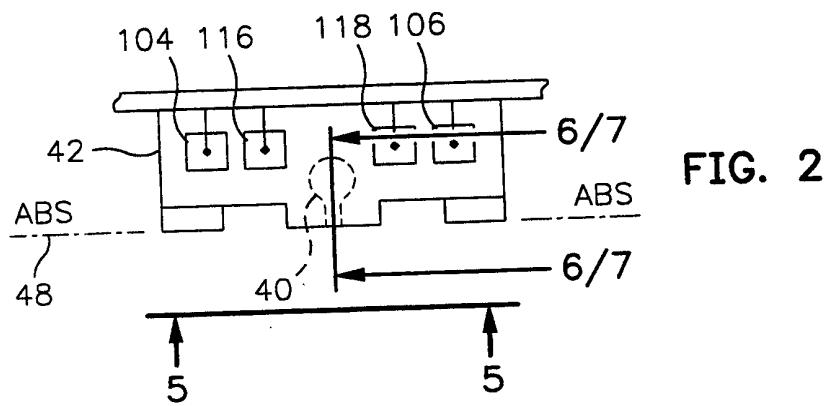


FIG. 2

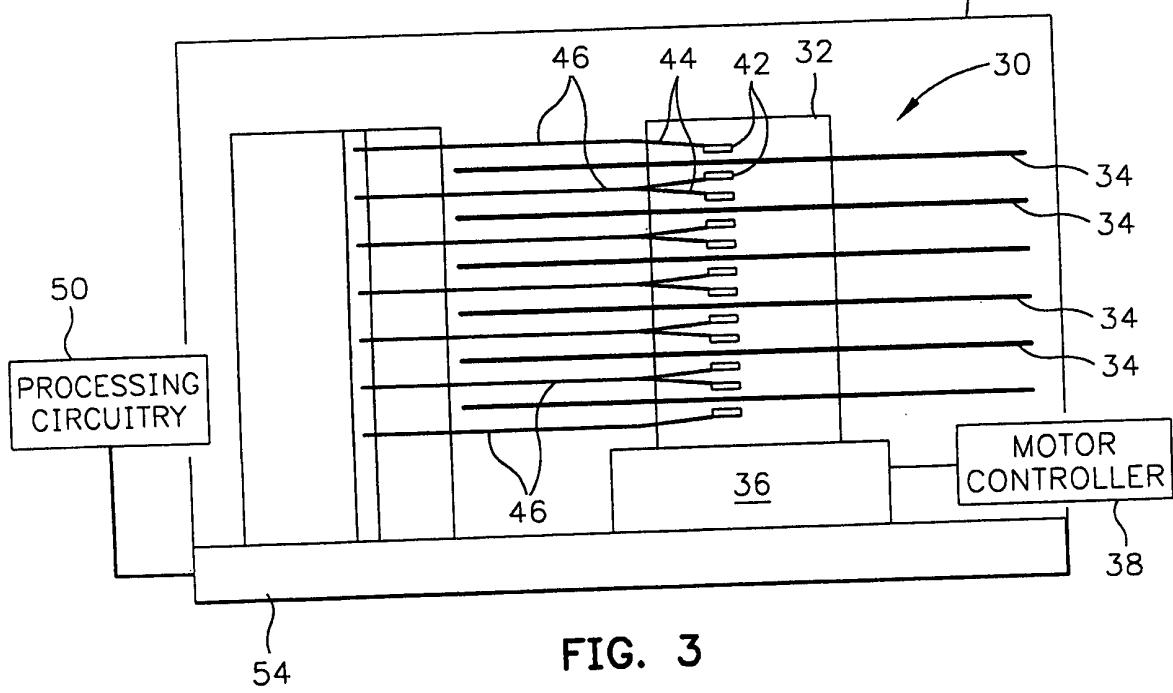
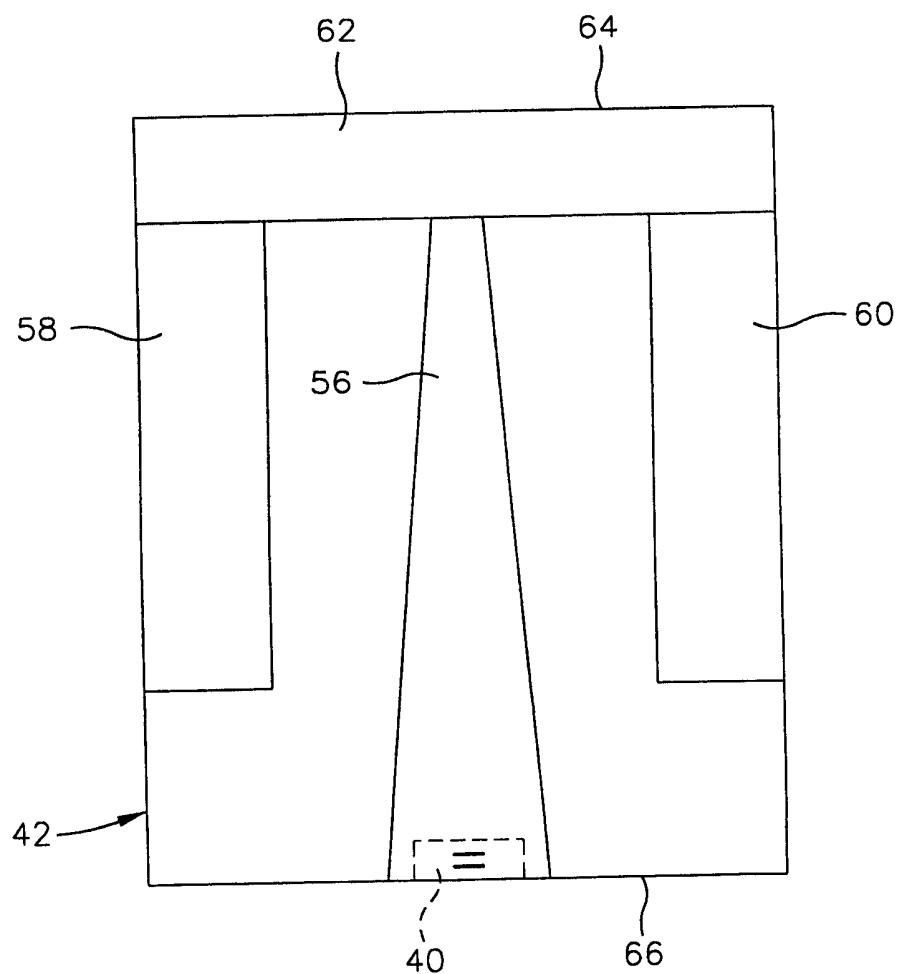
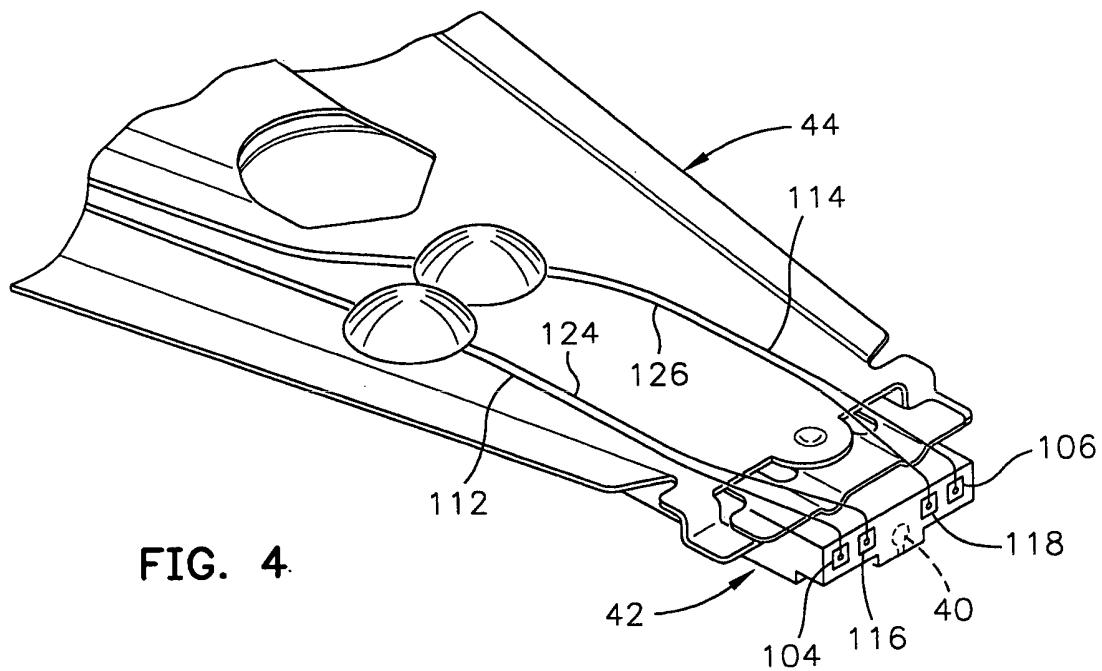
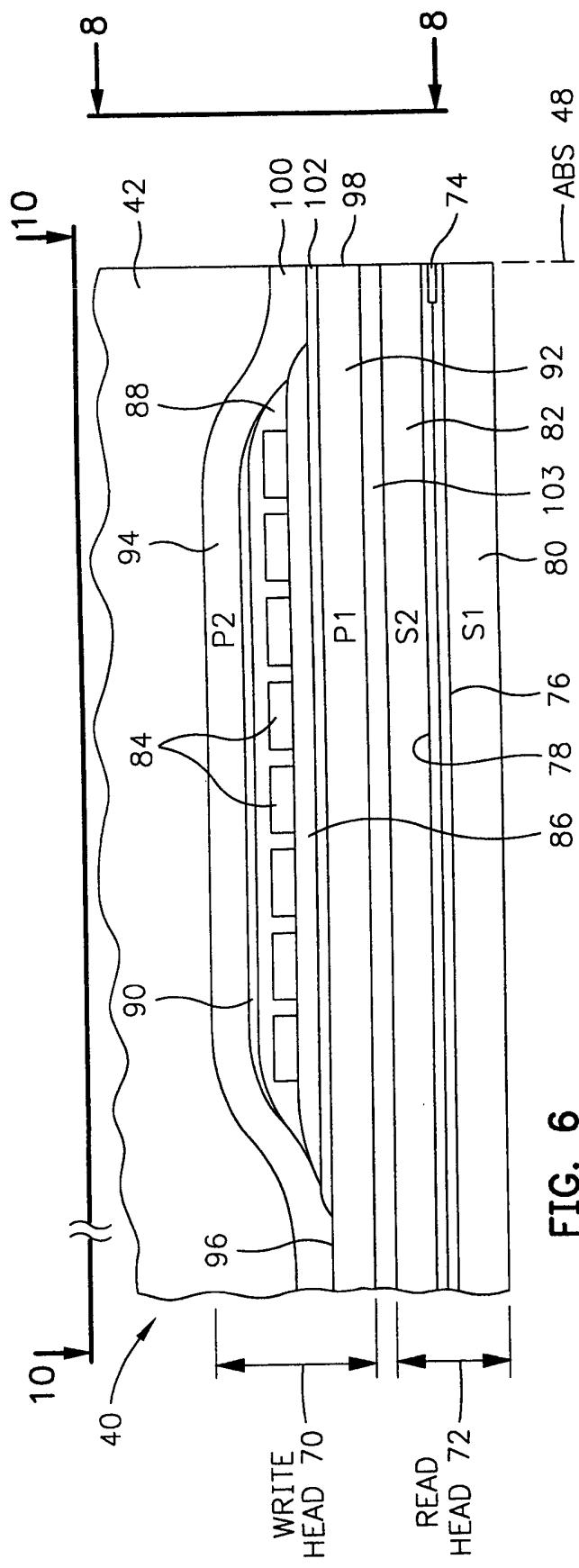
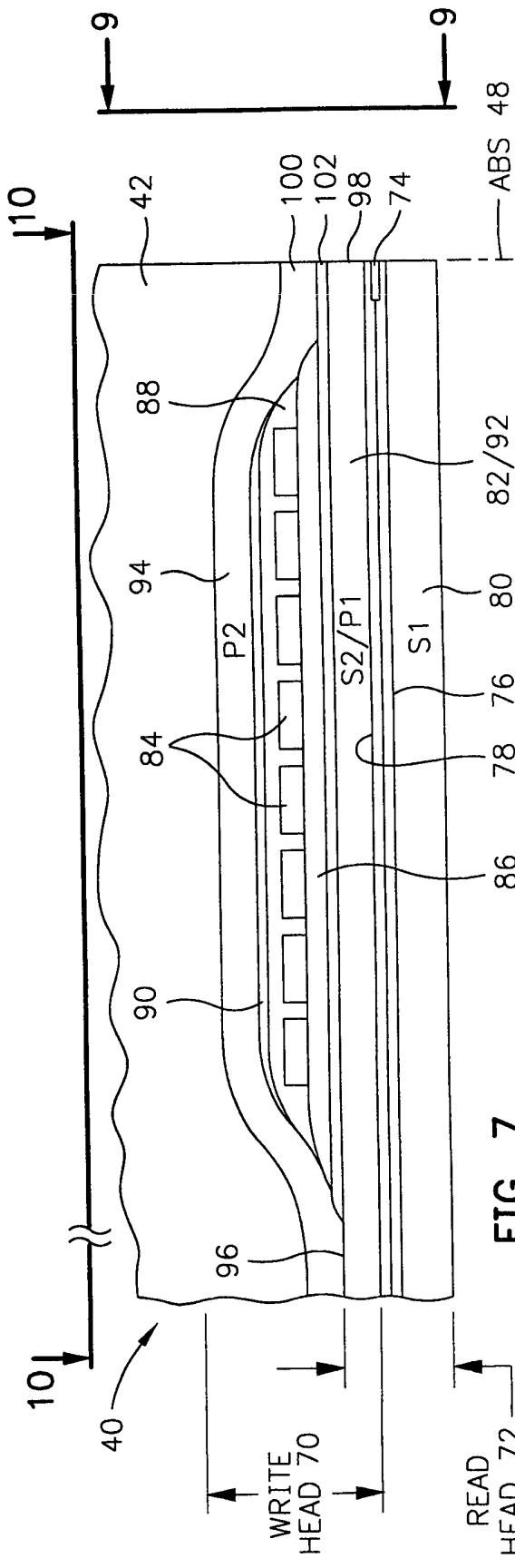


FIG. 3

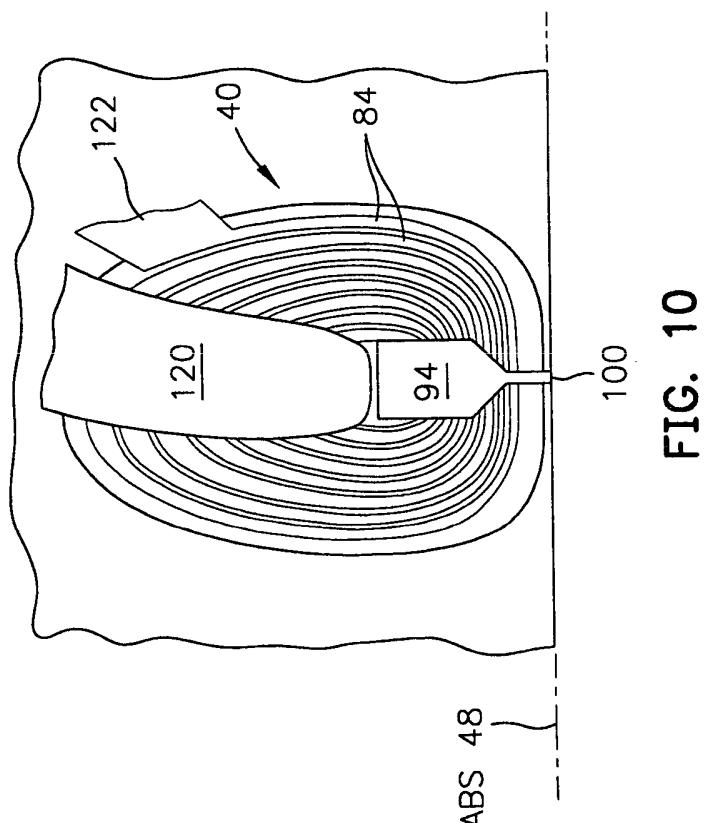




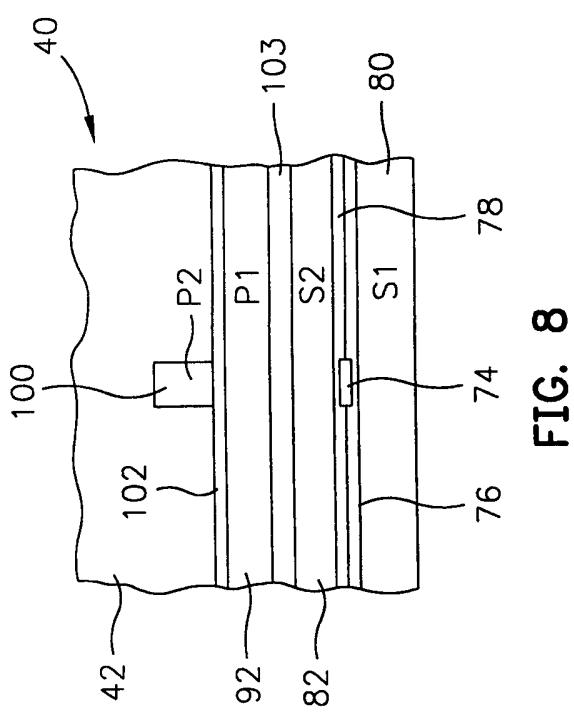
**FIG. 6**



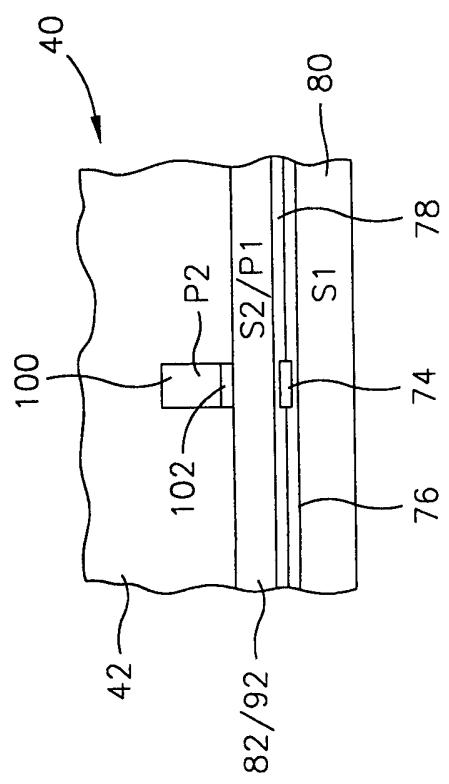
**FIG. 7**



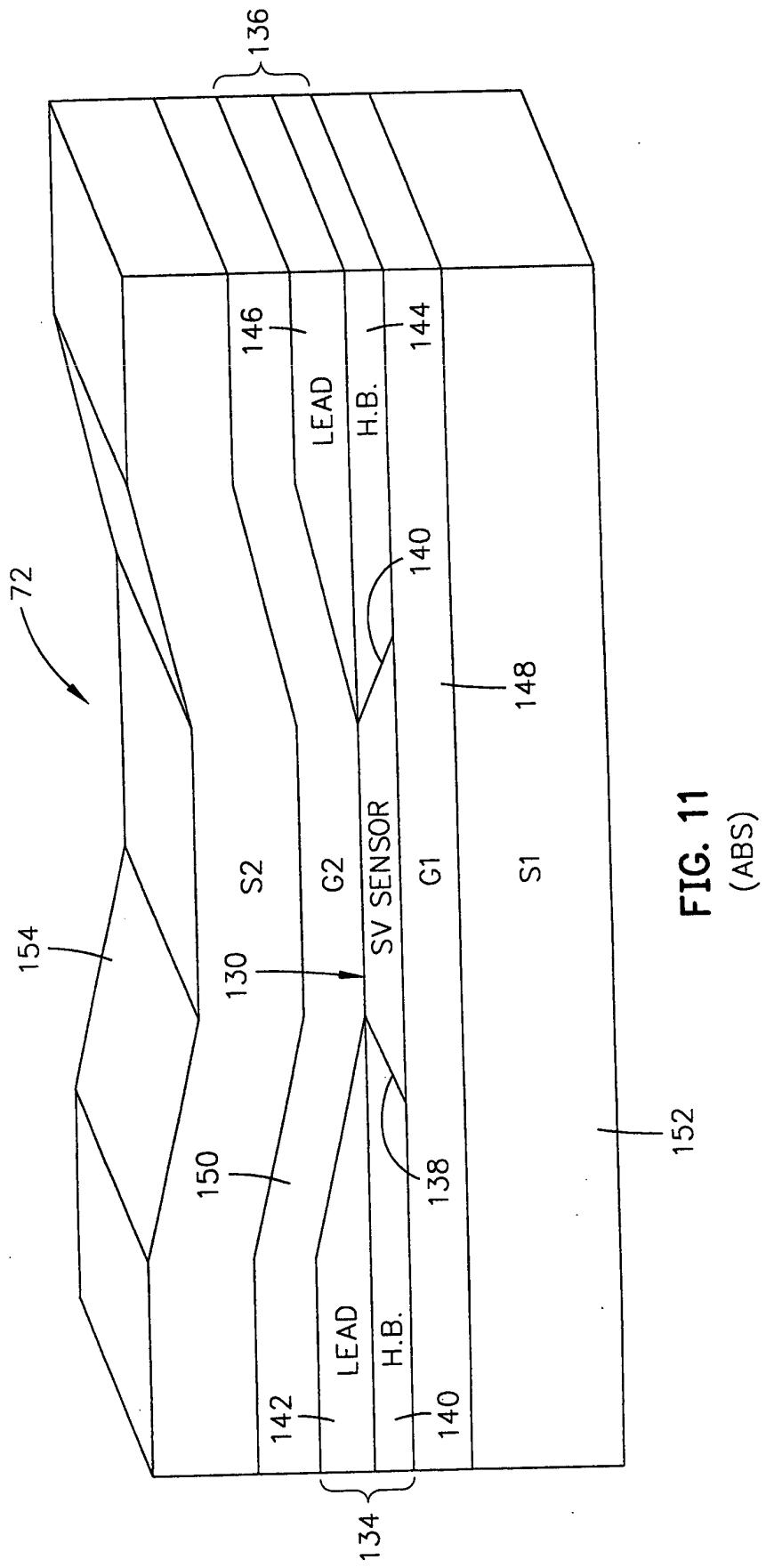
**FIG. 10**



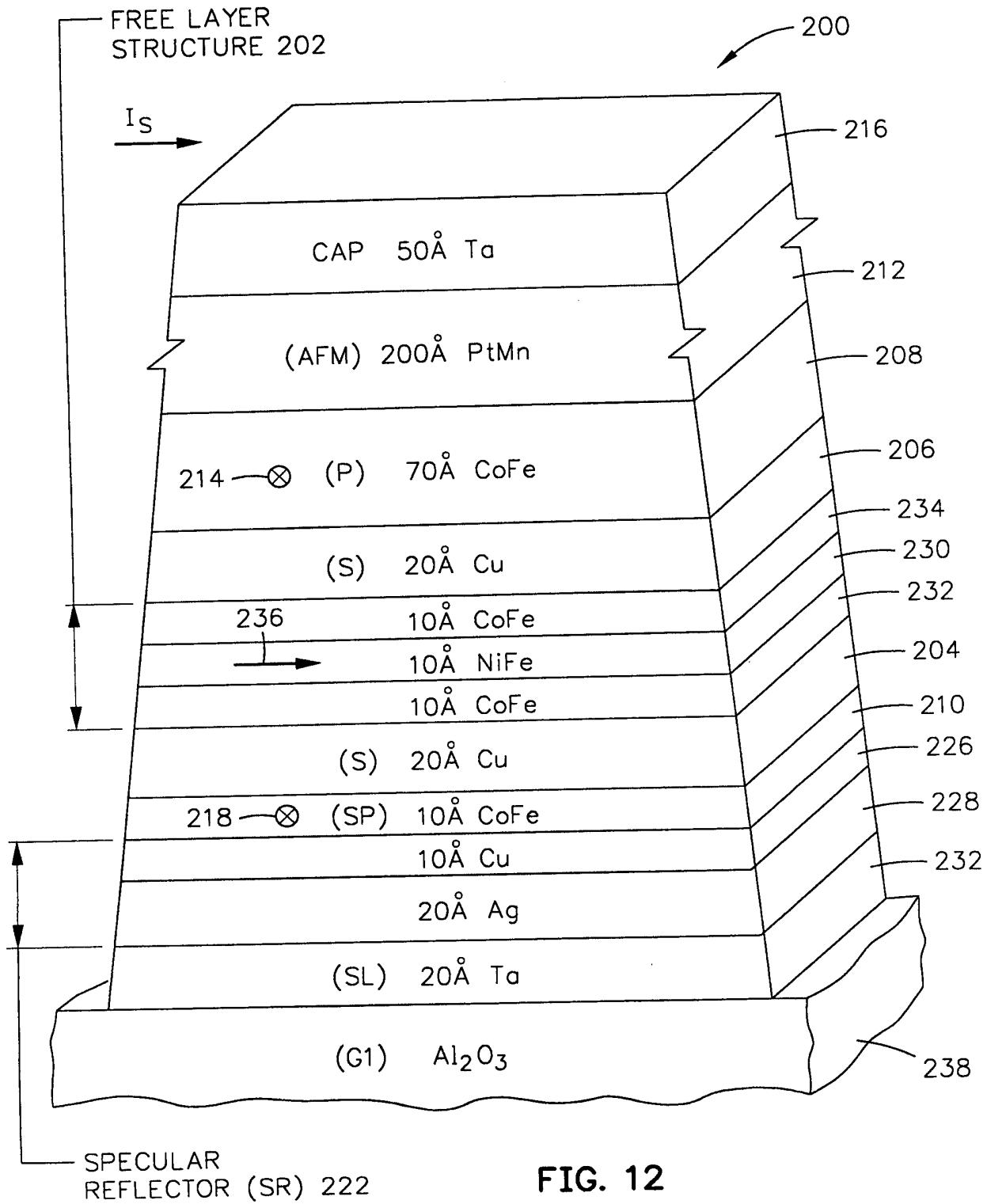
**FIG. 8**



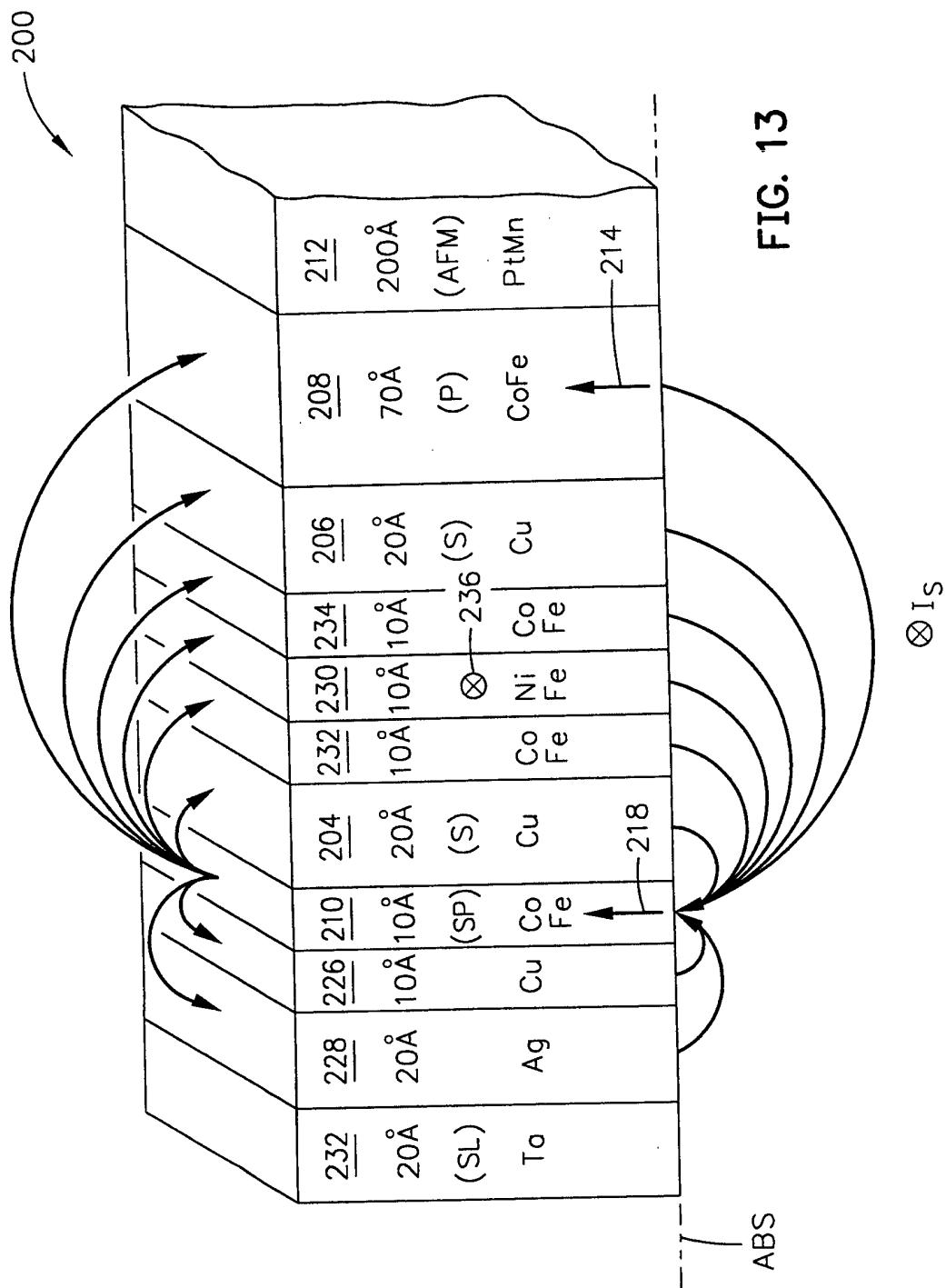
**FIG. 9**

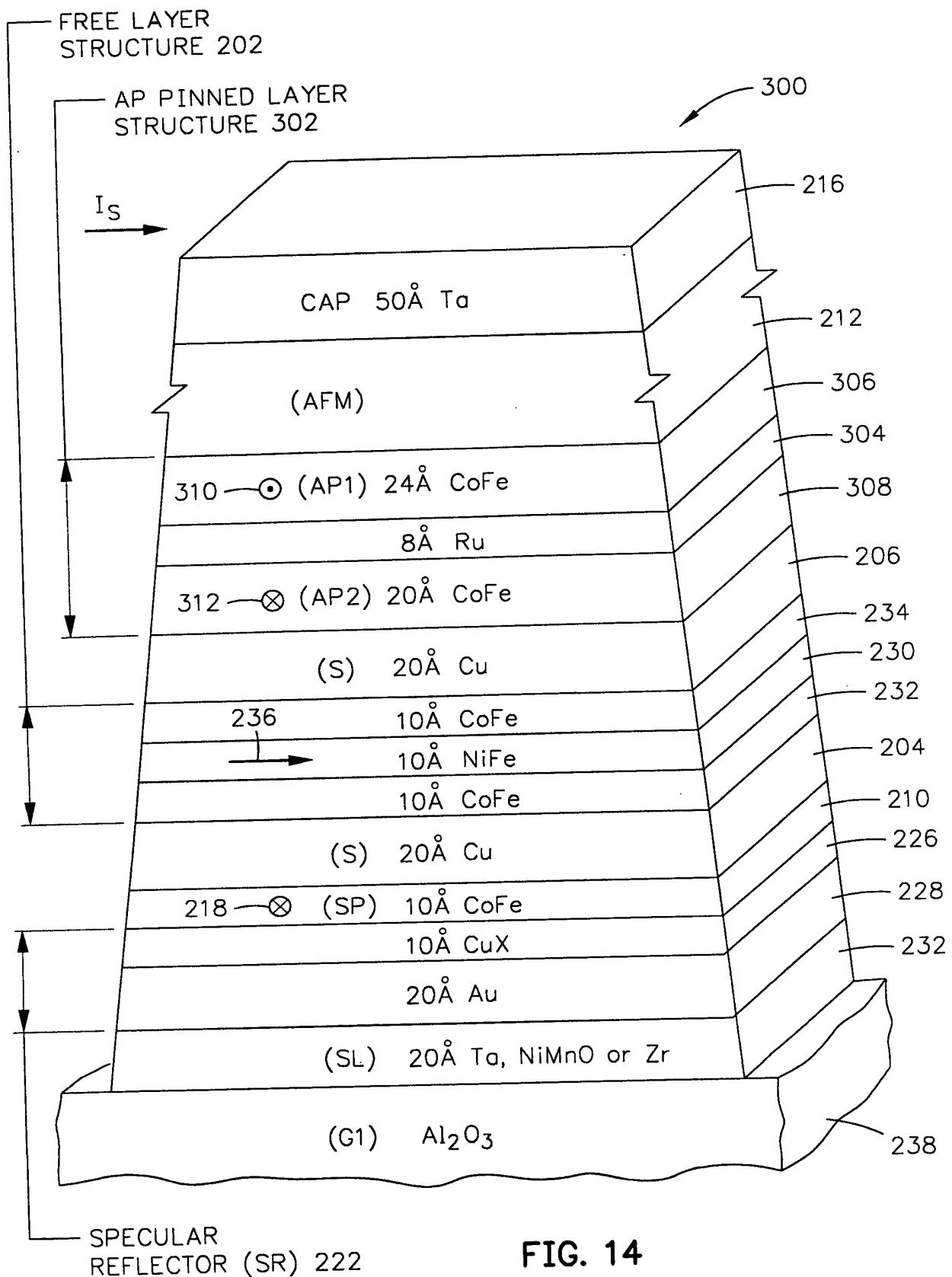


**FIG. 11**  
(ABS)



**FIG. 12**





**FIG. 14**

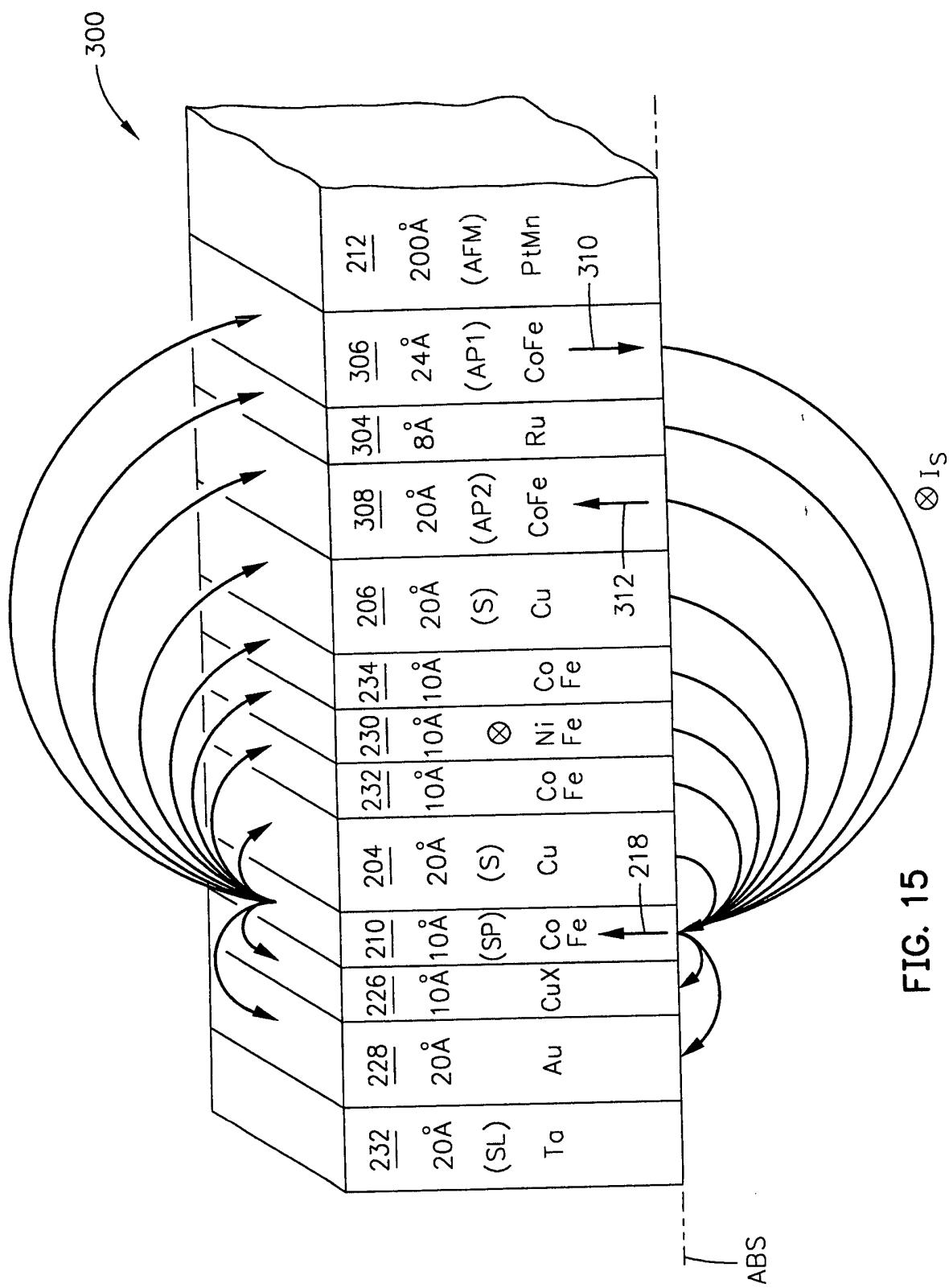


FIG. 15

FREE LAYER  
STRUCTURE 202

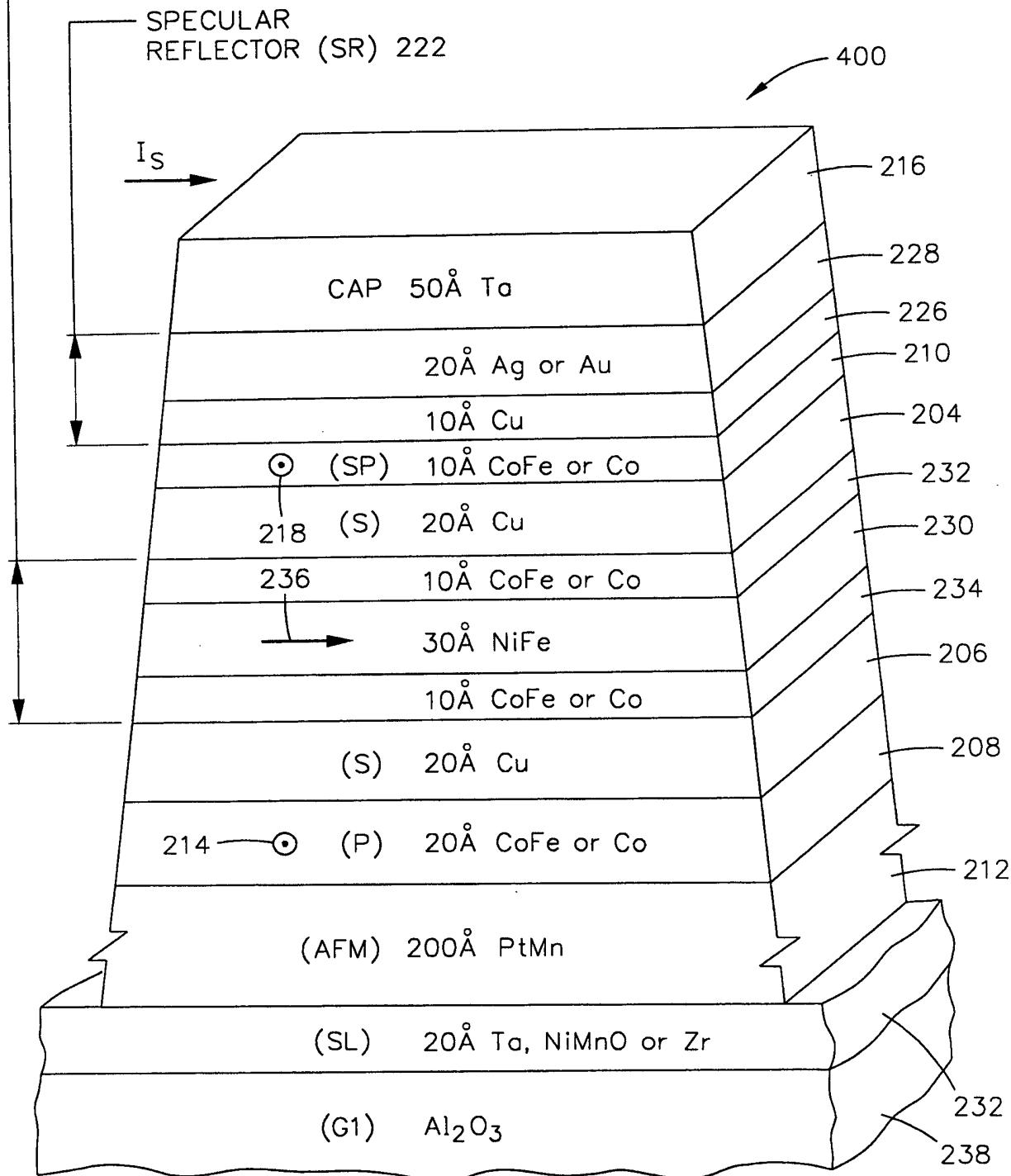
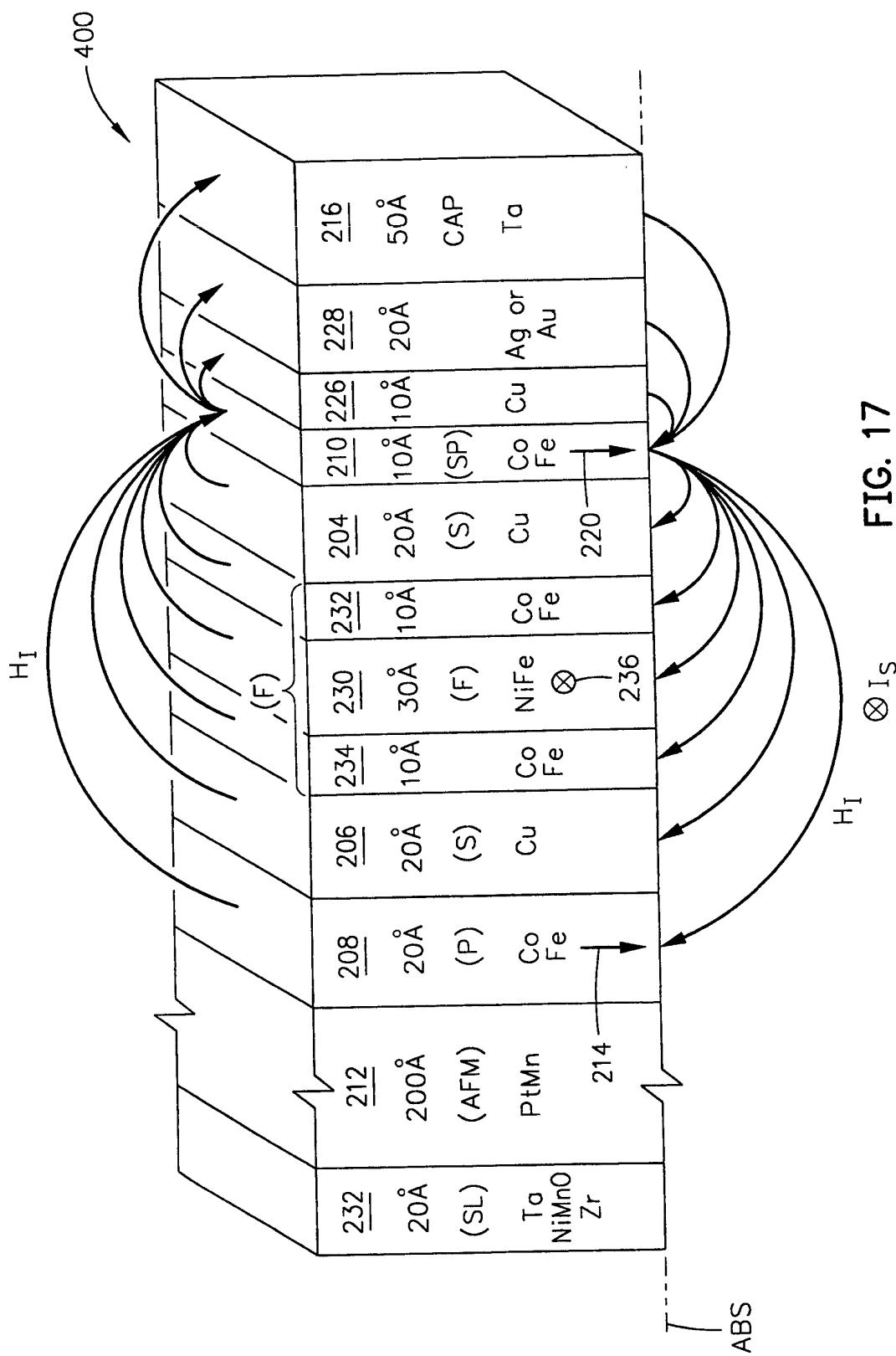


FIG. 16



**FIG. 17**